

ABSTRACT OF THE DISCLOSURE

An optical pickup capable of effectively reducing chromatic aberration that includes a collimating lens, which includes a diverging lens with diverging power and a focusing lens with focusing power, arranged on the optical path between a light source and an objective lens, wherein assuming that the total focal length of the collimating lens is f and the focal length of the diverging lens is f_n , the collimating lens satisfies the relationship $-1.5 > f/f_n$. The optical pickup is compatible with both existing digital versatile disks (DVDs), and high-definition (HD)-DVDs, which will not yet standardized, need a blue light source near 405 nm and an objective lens having an numerical aperture of 0.6 or more.

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